			PAIL	×C
QUERY CONTROL FORM			RTIS U	SE ONLY
Application No. 09 591,523	Prepared by	NH	Tracking Number	05904057
Examiner-GAU Talbott - 2827	_ Date	3-9-4	Week Date	02/16/04
	No. of queries	1	IFW	<u> </u>

JACKET					
a. Serial No.	f. Foreign Priority	k. Print Claim(s)	p. PTO-1449		
b. Applicant(s)	g. Disclaimer	I. Print Fig.	q. PTOL-85b		
c. Continuing Data	h. Microfiche Appendix	m. Searched Column	r. Abstract		
d. PCT	i. Title	n. PTO-270/328	s. Sheets/Figs		
e. Domestic Priority	j. Claims Allowed	o. PTO-892	t. Other		

SPECIFICATION	MESSAGE
a. Page Missing	PTO-1449: Please either initial or line
b. Text Continuity	Through citations. Copy provided for reference.
c. Holes through Data	
d. Other Missing Text	
e. Illegible Text	
f. Duplicate Text	
g. Brief Description	
h. Sequence Listing	
i. Appendix	
j. Amendments	
k. Other	
CLAIMS	
a. Claim(s) Missing	
b. Improper Dependency	Thankyon
c. Duplicate Numbers	
d. Incorrect Numbering	initials NH
e. Index Disagrees	RESPONSE
f. Punctuation	
g. Amendments	
h. Bracketing	
i. Missing Text	
j. Duplicate Text	
k. Other	
	initials

~ J

Form PTO-1449 (modified)	Atty. Docket No.	Serial No.
	47163-00018USD1	Not Assigned
List of Patents and Publications for Applicant's	Applicant	ACH.
INFORMATION DISCLOSURE STATEMENT	Fujio Kuwako	7(5)

Filing Date: Group:
Page 1 of 1 Not Assigned Not Assigned

• ,			U.S. P	atent Docum	nents	•	
Exam. Init.	Ref. Des.	Document Number	Date	Name	Class	Sub Class	Filing Date if App.
	A01	5,403,672	04/1995	Urasaki et al.	428	607	
	A02						
	A03						
	A04						
	A05		· · · · · · · · · · · · · · · · · · ·			, ··	
			Foreign	Patent Docu	ments		
Exam. Init.	Ref. Des.	Document Number	Date	Country	Class	Sub Class	Translation Yes/No
	B01	WO97/41713	11/1997	PCT	H05K	3/02	N/A
	В02	Hei 4-3676	1/1992	Japan	H05K	3/46	Abstract
	B03						
						. ;	· · · · · · · · · · · · · · · · · · ·
(	Other	Art (Includ	ing Auth	or, Title, Dat	e Pertinen	t Pages	, Etc.)
Exam.	Ref. Des.			Citat	ion		. 1
	C01	"A Flexible Production Laser System for Blind Via Drilling," Anton Kitai and Jim Morrison, Lumonics, Kanata, Ontario Canada; from brochure Proceedings of the Technical Conference Expo '98, 4 pgs.; 1998					
	C02	"CO <sub>2</sub> Laser Drilling Technology for Glass Fabrics Base Copper Clad Laminate,: Morio, Gaku, Hidenori Kimbara Nobuyuki Ikeguchi, Yoshihiro Kato, Mitsubishi Gas Chemical Company, Inc., Toyko, Japan; from brochure Proceedings of the Technical Conference Expo '98, 4 pgs; 1998					
e' ·.	C03	Kestenbaum, Ami, et al., "Laser Drilling Of Microvias In Epoxy-Glass Printed Circuit Boards," <i>IEEE Transactions On Components, Hybrids, and Manufacturing Technology</i> , Volume 13, No. 4, pp. 1055-1062 (December 1990)					
	C04	Pargellis, A. N., et al., "Formation of Microvias In Eposy-Glass Composites By Laser Ablation," Optics & Laser Technology, Volume 22, No. 3, pp. 205-207 (June 1990)					

EXAMINER:	DATE CONSIDERED:
EXAMINER: INITIAL IP REFERENCE CONSIDERED, WHETHER OR NOT CIT. CITATION IF NOT IN CONFORMANCE AND NOT CONSIDERED. INCLUDE COP	PY OF THIS FORM WITH NEXT COMMUNICATION TO APPLICANT.

INFORMATION DISCLOSURE STATEMENT — PTO-1449 (MODIFIED)

CHICAGO 120392v1 47163-00001